



Write each number sentence as an equation / inequality.

Ex) x is less than or equal to -91 .

- 1) 57 is greater than x .
- 2) x is less than or equal to -24 .
- 3) 6 is greater than x .
- 4) -99 is less than x .
- 5) x is less than or equal to -15 .
- 6) x is less than or equal to -99 .
- 7) -38 is greater than x .
- 8) x is greater than 98.
- 9) 7 is greater than x .
- 10) x is greater than or equal to -93 .
- 11) x is greater than 87.
- 12) x is greater than 49.
- 13) x is equal to -58 .
- 14) -48 is equal to x .
- 15) x is less than or equal to -77 .
- 16) x is less than -26 .
- 17) x is greater than or equal to 14.
- 18) 45 is greater than or equal to x .
- 19) -87 is less than x .
- 20) x is less than 60.

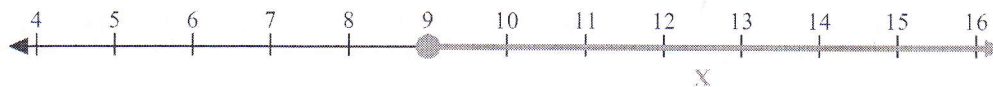
Answers

- Ex. $x \leq -91$
1. $x < 57$
 2. $x \leq -24$
 3. $x < 6$
 4. $x > -99$
 5. $x \leq -15$
 6. $x \leq -99$
 7. $x < -38$
 8. $x > 98$
 9. $x < 7$
 10. $x \geq -93$
 11. $x > 87$
 12. $x > 49$
 13. $x = -58$
 14. $x = -48$
 15. $x \leq -77$
 16. $x < -26$
 17. $x \geq 14$
 18. $x \leq 45$
 19. $x > -87$
 20. $x < 60$

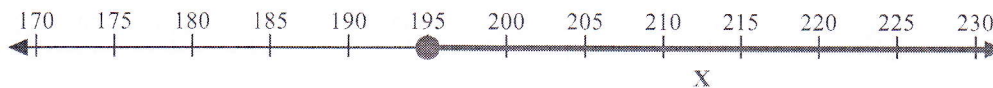


Use the numberline to express the inequality.

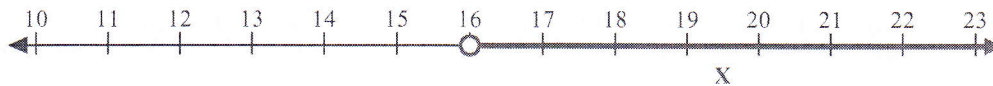
Ex) $X \geq 9$



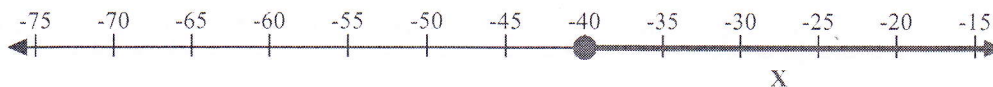
1) $X \geq 195$



2) $X > 16$



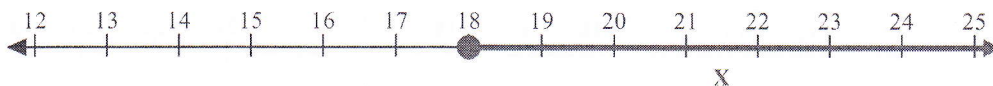
3) $X \geq -40$



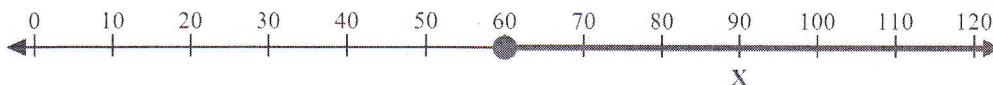
4) $X \geq 120$



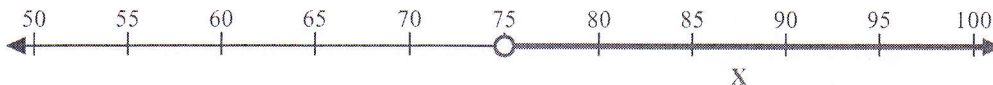
5) $X \geq 18$



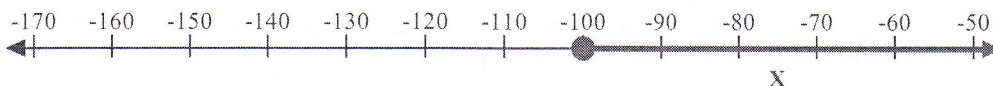
6) $X \geq 60$



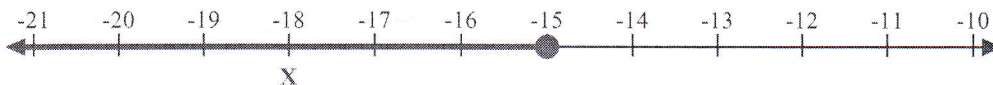
7) $X > 75$



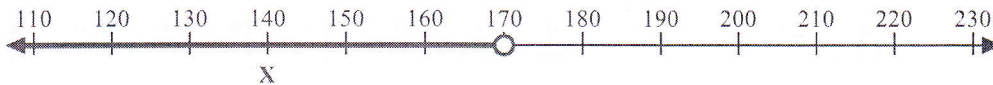
8) $X \geq -100$



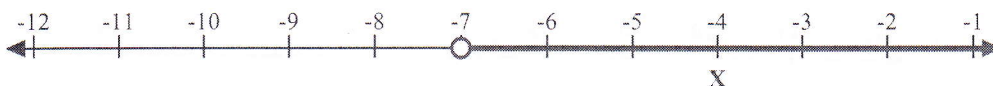
9) $X \leq -15$



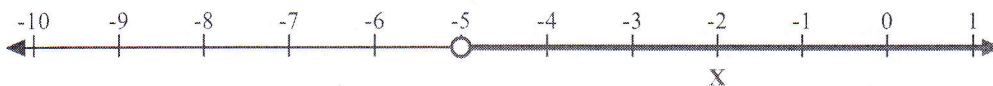
10) $X < 170$



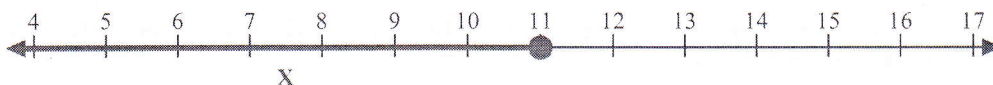
11) $X > -7$



12) $X > -5$



13) $X \leq 11$



Name : _____

Score : _____

Answer key

Graph the compound inequalities.

1) $x \leq 0$ or $x > 2$



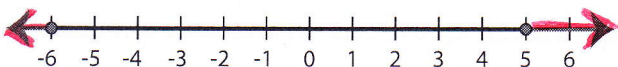
2) $x > -1$ and $x < 3$



3) $-4 < x \leq 4$



4) $x \geq 5$ or $x \leq -6$



5) $10 > x > -8$



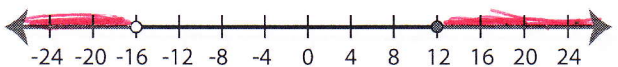
6) $x < 9$ and $x \geq 3$



7) $x \leq -2$ and $x \geq -5$



8) $x \geq 12$ or $x < -16$



9) $x > 10$ and $x < 20$



10) $-3 \leq x < 1$



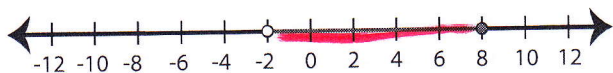
Name : _____

Score : _____

Answer key

Graph the compound inequalities.

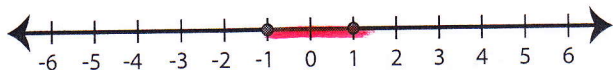
1) $x \leq 8$ and $x > -2$



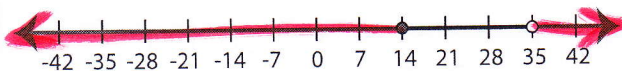
2) $-3 < x < 9$



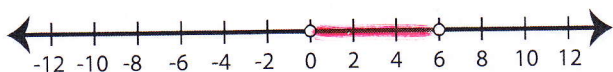
3) $1 \geq x \geq -1$



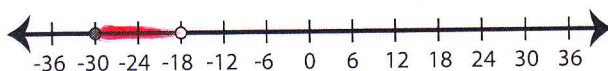
4) $x \leq 14$ or $x > 35$



5) $x > 0$ and $x < 6$



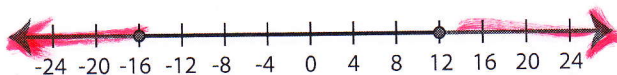
6) $-18 > x \geq -30$



7) $-4 \leq x < 5$



8) $x \geq 12$ or $x \leq -16$



9) $x < 60$ and $x \geq -45$



10) $2 > x > -5$

